

## CLAIMS

1. A method in a computer system for ensuring secure display of valid data on a video display device of a video display system, the video display system having video display memory for storing data to be displayed on the video display device, comprising:

controlling scheduling of the content of the video display memory such that the valid data is available when needed for display on the video display device and such that only invalid data is accessible, from the video display memory, to code that is external to the scheduling.

46. A method in a computer system for providing a secure display area on a video display device of a video display system, the video display system having video display memory for storing data to be displayed on the video display device, comprising:

reserving a portion of the video display memory for secure data storage that corresponds to the secure display area;

receiving a request to display valid data in the secure display area, the request including an indication of the valid data;

storing the indicated valid data in a secure data buffer; and

106. (New) A secure video display driver for ensuring secure display of valid data on a video display device of a video display system, the video display system having video display memory for storing data to be displayed on the video display device, comprising:

scheduler that is structured to schedule content of the video display memory such that the valid data is available when needed for display on the video display device and such that only invalid data is accessible from the video display memory to code that is external to the scheduling; and

data input/output mechanism that receives the valid data and invokes the scheduler to securely display the valid data on the video display device.

134. (New) A secure video display driver for providing a secure display area on a video display device of a video display system, the video display system having video display memory for storing data to be displayed on the video display device, comprising:

data receiver that is structured to receive a request to display valid data in the secure display area, the request including an indication of the valid data; and

video display memory scheduler that is structured to

reserve a portion of the video display memory for secure data storage that corresponds to the secure display area;

store the indicated valid data in a secure data buffer; and

store invalid data in the reserved portion of the video display memory until a determined period of time before the data stored in the reserved portion is copied out to the video display device for display.